

## EAST Search History

### EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	2367159	(light adj emitting adj diode).ti. degree\$1	US-PGPUB; USPAT	OR	OFF	2010/09/28 15:32
L4	1234	(light adj emitting adj diode).ti. and degree\$1	US-PGPUB; USPAT	OR	OFF	2010/09/28 15:32
L5	426	(light adj emitting adj diode).ti. and degree\$1 and @ay<= "2003"	US-PGPUB; USPAT	OR	OFF	2010/09/28 15:32
L6	5216158	(light adj emitting adj diode).ti. and (rang\$4 with degree\$1)\ and @ay<= "2003"	US-PGPUB; USPAT	OR	OFF	2010/09/28 15:33
L7	50	(light adj emitting adj diode).ti. and (rang\$4 with degree\$1) and @ay<= "2003"	US-PGPUB; USPAT	OR	OFF	2010/09/28 15:33
L8	122	(light adj emitting adj diode).ti. and (emit\$4 with light with degree \$1) and @ay<= "2003"	US-PGPUB; USPAT	OR	OFF	2010/09/28 15:39
L9	42	(US-20040046736-\$ or US-20030080937-\$ or US-20020113756-\$ or US-20020105482-\$ or US-20020075201-\$ or US-20020082498-\$ or US-20080136916-\$ or US-20040063481-\$ or US-20040063480-\$ or US-20030095186-\$ or US-20020024675-\$ or US-20020158815-\$ or US-20030135327-\$ or US-20020194914-\$ or US-20030230757-\$ or US-20040016937-\$). did. or (US-6943754-\$ or US-7554511-\$ or US-6798443-\$ or US-6778150-\$ or US-6578962-\$ or US-6373961-\$ or US-6069594-\$ or US-6474159-\$ or US-6377401-\$ or US-	US-PGPUB; USPAT	OR	OFF	2010/09/28 15:52

		5831260-\$ or US- 4287809-\$ or US- 6400139-\$ or US- 6934633-\$ or US- 5812257-\$ or US- 7408561-\$ or US- 7046215-\$ or US- 6667694-\$ or US- 6064749-\$ or US- 6757068-\$ or US- 5790085-\$ or US- 5424556-\$ or US- 5227985-\$ or US- 5187540-\$ or US- 7200536-\$ or US- 5645077-\$ or US- 7301648-\$).did.				
L10	42	9 and process\$4	US-PGPUB; USPAT	OR	OFF	2010/09/28 15:52
L11	33	9 and processor\$1	US-PGPUB; USPAT	OR	OFF	2010/09/28 15:52
L12	6	("6421031"   "6675800"   "6700497" "6714141"   "6757068").PN. OR ("6934633").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/28 15:58
L13	3	2002/0194914	US-PGPUB; USPAT	OR	OFF	2010/09/28 16:22
L14	1	"20020194914"	US-PGPUB; USPAT	OR	OFF	2010/09/28 16:22
L16	7	"596006".ap.	US-PGPUB; USPAT	OR	OFF	2010/09/28 17:03
S1	12382	345/7-9,156-158.ccls. or 702/94-97,141,145. ccls.	US-PGPUB; USPAT	OR	OFF	2010/09/23 15:10
S2	386	(345/7-9,156-158.ccls. or 702/94-97,141,145. ccls.) and ((head or helmet or hat) near2 track\$4)	US-PGPUB; USPAT	OR	OFF	2010/09/23 15:10
S3	218	(345/7-9,156-158.ccls. or 702/94-97,141,145. ccls.) and ((head or helmet or hat) near2 track\$4) and infrared	US-PGPUB; USPAT	OR	OFF	2010/09/23 15:11

S4	131	(345/7-9,156-158.ccls. or 702/94-97,141,145. ccls.) and ((head or helmet or hat) near2 track\$4) and infrared and @ay<= "2003"	US-PGPUB; USPAT	OR	OFF	2010/09/23 15:11
S5	1	"5367315".pn.	US-PGPUB; USPAT	OR	OFF	2010/09/23 15:16
S6	8	"5531227"   "5740802"   "6204974"   "6273896"   "6351573"   "6402762"   "6546277").PN. OR "6891518").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/23 15:41
S7	34	"4102564"   "4349815"   "4439755"   "4565999"   "4682159"   "4688037"   "4768028"   "4852988"   "4878046"   "5003300"   "5168531"   "5189512"   "5220361"   "5231674"   "5239337"   "5245381"   "5262807"   "5325133"   "5333029"   "5341181"   "5345281"   "5382989"   "5726916").PN. OR ("6373961").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/23 15:48
S8	37	"4156292"   "4181405"   "4231117"   "4259747"   "4878046"   "4930888"   "4984179"   "5003300"   "5015188").PN. OR ("5138555").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/23 16:04
S9	14	((TSAFRI R) near2 (BEN-ARI)).INV.	US-PGPUB; USPAT	OR	OFF	2010/09/23 16:07
S10	6	"6474159".pn. or "5856844".pn. or "5819206".pn. or "6377401".pn. or "20020039073"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/23 16:12
S11	13	("5645077"   "6176837").PN. OR ("6474159").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/23 16:15

S12	1	"20030071766"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/23 16:22
S13	1066	((head or helmet or hat) near2 track\$4) and infrared and @ay<= "2003"	US-PGPUB; USPAT	OR	OFF	2010/09/24 10:59
S14	588	((head or helmet or hat) near2 track\$4) and infrared and @ay<= "2003" and camera\$1	US-PGPUB; USPAT	OR	OFF	2010/09/24 10:59
S15	80	((head or helmet or hat) near2 track\$4) and infrared and @ay<= "2003" and camera\$1 and pilot\$4	US-PGPUB; USPAT	OR	OFF	2010/09/24 11:03
S16	452	((head or helmet or hat) near2 track\$4) and infrared and @ay<= "2003" and camera\$1 and (marker \$1 or reflect\$5)	US-PGPUB; USPAT	OR	OFF	2010/09/24 11:26
S17	206	((head or helmet or hat) near2 track\$4) and infrared and @ay<= "2003" and camera\$1 and (marker \$1 or reflect\$5) and led \$1	US-PGPUB; USPAT	OR	OFF	2010/09/24 11:30
S18	1908	((head or helmet or hat) near2 track\$4).ab.	US-PGPUB; USPAT	OR	OFF	2010/09/24 12:13
S19	19	((head or helmet or hat) near2 track\$4).ab. and (camera same led \$1)	US-PGPUB; USPAT	OR	OFF	2010/09/24 12:13
S20	15	((head or helmet or hat) near2 track\$4).ab. and (infrared same led \$1) and camera\$1	US-PGPUB; USPAT	OR	OFF	2010/09/24 12:37
S21	590	reflect\$4 near2 marker \$1) and (led\$1) and ((track\$4 or detect\$4 or sens\$4) near2 (position\$2 or motion \$1 or movement))	US-PGPUB; USPAT	OR	OFF	2010/09/27 09:57

S22	336	(reflect\$4 near2 marker \$1) and (led\$1) and ((track\$4 or detect\$4 or sens\$4) near2 (position\$2 or motion \$1 or movement)) and @ay<= "2005"	US-PGPUB; USPAT	OR	OFF	2010/09/27 09:59
S23	226	(reflect\$4 near2 marker \$1) and (led\$1) and ((track\$4 or detect\$4 or sens\$4) near2 (position\$2 or motion \$1 or movement)) and @ay<= "2003"	US-PGPUB; USPAT	OR	OFF	2010/09/27 09:59
S24	189	(reflect\$4 near2 marker \$1) and (led\$1) and ((track\$4 or detect\$4 or sens\$4) near2 (position\$2 or motion \$1 or movement)) and @ay<= "2003" and (body or head)	US-PGPUB; USPAT	OR	OFF	2010/09/27 10:00
S25	69	("20010033675"   "20020097245"   "20020145563"   "20030002033"   "20030045816"   "20030079218"   "20030083596"   "20030095708"   "20030120425"   "4660039"   "4945305" "5056106"   "5138322"   "5216429" "5317394"   "5363297"   "5438321" "5450070"   "5458123"   "5513854" "5581257"   "5583517"   "5589838" "5600330"   "5729475"   "5744953" "5767669"   "5802220"   "5831260" "5884239"   "6005548"   "6050962" "6070269"   "6095928"   "6104379" "6115052"   "6127672"   "6148280" "6157592"   "6172499"   "6176837" "6181371"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 10:29

		"6204813"   "6269172" "6272231"   "6288785"   "6316934" "6324296"   "6369564"   "6380894" "6380933"   "6400139"   "6409687" "6428490"   "6549004"   "6563107"   "6567116"   "6580811").PN. OR ("6831603").URPN.				
S26	28	("4287809"   "4314251"   "4394931" "4737794"   "5453686"   "5645077" "5752513"   "5831260").PN. OR ("6400139").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 10:30
S27	63	("4825020"   "4906846").PN. OR ("5831260").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 10:30
S28	22	("5645077"   "5812257"   "5850201" "5856844"   "6124838"   "6172657").PN. OR ("6757068").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 10:32
S29	38	("3509566"   "3691560"   "3898445" "4396945"   "4649504"   "4884219" "4930888"   "5100229"   "Re31375").PN. OR ("5812257").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 10:49
S30	14	("4446480"   "4956794"   "5029220" "5424556"   "5491510"   "5684498" "5742263"   "5812257"   "5850201" "6064749"   "6369779"   "6377401" "6424334").PN. OR ("7046215").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 10:52
S31	17	("5416922"   "5742263"   "6042239" "6046712"   "6057810"   "6124838"   "6249386").PN. OR ("6377401").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 10:52

S32	12382	(345/7-9,156-158.ccls. or 702/94-97,141,145. ccls.)	US-PGPUB; USPAT	OR	OFF	2010/09/27 11:13
S33	6350	(345/7-9,156-158.ccls. or 702/94-97,141,145. ccls.) and ((track\$4 or detect\$4 or sens\$4) near2 (position\$2 or motion\$1 or movement))	US-PGPUB; USPAT	OR	OFF	2010/09/27 11:14
S34	4164	(345/7-9,156-158.ccls. or 702/94-97,141,145. ccls.) and ((track\$4 or detect\$4 or sens\$4) near2 (position\$2 or motion\$1 or movement)) and (mark\$4 or reflect\$4)	US-PGPUB; USPAT	OR	OFF	2010/09/27 11:14
S35	21	(345/7-9,156-158.ccls. or 702/94-97,141,145. ccls.) and ((track\$4 or detect\$4 or sens\$4) near2 (position\$2 or motion\$1 or movement)) and helmet\$4 and (absolute adj position)	US-PGPUB; USPAT	OR	OFF	2010/09/27 11:26
S36	88	(345/7-9,156-158.ccls. or 702/94-97,141,145. ccls.) and ((track\$4 or detect\$4 or sens\$4) near2 helmet\$4)	US-PGPUB; USPAT	OR	OFF	2010/09/27 11:46
S37	57	(345/7-9,156-158.ccls. or 702/94-97,141,145. ccls.) and ((track\$4 or detect\$4 or sens\$4) near2 helmet\$4) and @ay<= "2003"	US-PGPUB; USPAT	OR	OFF	2010/09/27 11:48
S38	31	("3917412"   "4111555"   "4475814"   "4649504"   "4956794"   "5208641").PN. OR ("5424556").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 12:00

S39	88	(345/7-9,156-158.ccls. or 702/94-97,141,145. ccls.) and ((track\$4 or detect\$4 or sens\$4) near2 (helmet\$4 or head) and @ay<="2003" and navigation\$4	US-PGPUB; USPAT	OR	OFF	2010/09/27 12:05
S40	40	(345/7-9,156-158.ccls. or 702/94-97,141,145. ccls.) and ((track\$4 or detect\$4 or sens\$4) near2 (helmet\$4 or head) and @ay<="2003" and relative\$2 and ((absolute or overall) adj2 position\$1)	US-PGPUB; USPAT	OR	OFF	2010/09/27 12:07
S41	982	((track\$4 or detect\$4 or sens\$4) near2 (helmet\$4 or head) and @ay<="2003" and relative\$2 and ((absolute or overall) adj2 position\$1))	US-PGPUB; USPAT	OR	OFF	2010/09/27 12:09
S42	16	((track\$4 or detect\$4 or sens\$4) near2 (helmet\$4 or head) and @ay<="2003" and relative\$2 and ((absolute or overall) adj2 position\$1) and (moving with frame with reference))	US-PGPUB; USPAT	OR	OFF	2010/09/27 12:10
S43	70	((track\$4 or detect\$4 or sens\$4) near2 (helmet\$4 or head) and @ay<="2003" and relative\$2 and ((absolute or overall) adj2 position\$1) and (pilot\$4))	US-PGPUB; USPAT	OR	OFF	2010/09/27 12:11
S44	49885	(frame near2 reference \$1)	US-PGPUB; USPAT	OR	OFF	2010/09/27 12:25
S45	27305	(frame near2 reference \$1) and @ay<="2003"	US-PGPUB; USPAT	OR	OFF	2010/09/27 12:25
S46	4108	(frame near2 reference \$1) and @ay<="2003" and (determine\$2 near2 position)	US-PGPUB; USPAT	OR	OFF	2010/09/27 12:26

S47	451	(frame near2 reference \$1) and @ay<="2003" and (determine\$2 near2 position) and (pilot\$4)	US-PGPUB; USPAT	OR	OFF	2010/09/27 12:26
S48	299	(frame near2 reference \$1) and @ay<="2003" and (determine\$2 near2 position) and (pilot\$4) and filter\$4	US-PGPUB; USPAT	OR	OFF	2010/09/27 12:26
S49	113	(frame near2 reference \$1) and @ay<="2003" and (determine\$2 near2 position) and (pilot\$4) and filter\$4 and inert\$4	US-PGPUB; USPAT	OR	OFF	2010/09/27 12:27
S50	10	("5645077"   "6176837"   "6474159").PN. OR ("6681629").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 15:44
S51	13	("5645077"   "6176837").PN. OR ("6474159").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 15:46
S52	67	("3786458"   "4197855"   "5181181"   "5203346"   "5373857"   "5373858" "5425750").PN. OR ("5645077").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 15:49
S53	39870	inertia and vehic\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 16:41
S54	21568	inertia and vehic\$5 and @ay<="2003"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 16:41
S55	947	inertia and vehic\$5 and @ay<="2003" and tracking	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 16:42
S56	900	inertia and vehic\$5 and @ay<="2003" and tracking and position\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 16:42
S57	266	inertia and vehic\$5 and @ay<="2003" and tracking and position\$2 and angular\$4 and optic \$4	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 16:42

S58	208	inertia and vehic\$5 and @ay<="2003" and tracking and position\$2 and angular\$4 and optic\$4 and (orthogonal\$4 or "90"\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 16:43
S59	40	(US-20040046736-\$ or US-20030080937-\$ or US-20020113756-\$ or US-20020105482-\$ or US-20020075201-\$ or US-20020082498-\$ or US-20080136916-\$ or US-20040063481-\$ or US-20040063480-\$ or US-20030095186-\$ or US-20020024675-\$ or US-20020158815-\$ or US-20030135327-\$ or US-20020194914-\$). did. or (US-6943754-\$ or US-7554511-\$ or US-6798443-\$ or US-6778150-\$ or US-6578962-\$ or US-6373961-\$ or US-6069594-\$ or US-6474159-\$ or US-6377401-\$ or US-5831260-\$ or US-4287809-\$ or US-6400139-\$ or US-6934633-\$ or US-5812257-\$ or US-7408561-\$ or US-7046215-\$ or US-6667694-\$ or US-6064749-\$ or US-6757068-\$ or US-5790085-\$ or US-5424556-\$ or US-5227985-\$ or US-5187540-\$ or US-7200536-\$ or US-5645077-\$ or US-7301648-\$). did.	US-PGPUB; USPAT	OR	OFF	2010/09/27 16:55
S60	13	S59 and orthogon\$5	US-PGPUB; USPAT	OR	OFF	2010/09/27 16:55

9/ 28/ 2010 5:35:35 PM

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